

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group
Art Unit: Unknown

Attorney
Docket No.: SHC0106

Applicant: Takaaki SHIMADA et al.

Invention: PULL-ON DISPOSABLE DIAPER

Serial No: Unknown

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Assistant Commissioner of Patents, Washington, D.C. 20231

on January 30, 2001


Michael S. Gzybowski

PRELIMINARY AMENDMENT

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Prior to the examination of the above-identified application, please amend the application as follows:

IN THE SPECIFICATION

Please amend the specification as follows:

On page 2, line 4, change "region" to - regions -
line 17, change "Publications" to - publications -

On page 3, line 22, delete "the"

On page 4, line 13, delete "are"
line 22, change "well" to - -will- -

On page 8, line 8, change "by" to - -from- -

On page 14, line 19, change "by" to - -from- -
line 21, change "by" to - -from- -
line 22, change "by" to - -from- -

On page 15, line 1, change "by" to - -from- -

On page 16, line 1, change "by" to - -from- -
line 3, delete "certain"
line 10, after "in" insert - -a- -

On page 17, line 4, change "in" to - -and- -
line 6, change "by" to - -from- -

IN THE CLAIMS

Please amend claims 1-5 as follows:

1 . (Amended) A pull-on disposable diaper comprising:
a liquid-pervious [topsheel,] topsheel;

a liquid-impervious backsheet; [and]

a liquid-absorbent core disposed between said topsheet and said backsheet; [to define]

a front waist [region,] region;

a rear waist region; and

a crotch region extending between said front and rear waist regions,

said front and rear waist regions being placed upon each other with said topsheet inside along transversely opposite side edges of said diaper to define a waist-opening and a pair of [leg-openings and wherein] leg-openings, said diaper having an elastic stretchability circumferentially of said openings, [openings is provided on an outer surface of said backsheet with fastening tape strips adapted to hold said diaper in a rolled up state thereof for disposal after said diaper has been used,]

said diaper further comprising [said] fastening tape strips for holding said diaper in a rolled up state for disposal after said diaper has been used, said fastening strips being provided on an outer surface of said liquid-impervious backsheet and extending in said longitudinal direction in parallel to said transversely opposite side edges in at least one of said front and rear waist regions,

each of these fastening tape strips having longitudinally opposite end regions thereof bonded to the diaper in a vicinity of respective peripheral edges of said waist-opening and said leg-openings and an intermediate region extending between said longitudinally opposite end regions and [defining] including on an inner surface thereof an adhesive region adapted to be separably bonded on the outer peripheral surface of said diaper when said diaper is rolled up for disposal.

2. (Amended) The diaper according to Claim 1, wherein said intermediate region of [the] each of the fastening tape [strip] strips is temporarily bonded to the outer surface of said backsheet by means of said adhesive region provided in a vicinity of said transversely opposite side edge regions.

3. (Amended) The diaper according to Claim 1, wherein said intermediate region of each of said fastening tape [strip] strips [has said intermediate region extending] extends so as to describe a curve which is convex outward transversely of the diaper.

4. (Amended) The diaper according to Claim 1, wherein each of said fastening tape [strip] strips is made of a flexible but non-stretchably plastic sheet.

5. (Amended) The diaper according to Claim 1, wherein said intermediate region of each of said fastening tape [strip] strips is coated on an inner surface thereof with a pressure-sensitive adhesive.

IN THE ABSTRACT

Please delete the Abstract and insert therefore the new Abstract attached hereto.

• • • R E M A R K S • • •


By the present Preliminary Amendment, the specification, claims and abstract have been revised to more clearly describe applicants' invention in accordance with the requirements of 35 U.S.C. § 112.

Care has been taken so as to avoid the addition of new matter in the specification and claims.

Entry of the present Preliminary Amendment prior to the examination of the application is respectfully requested.

In the event Applicants have overlooked the need for an extension of time, an additional extension of time, payment of fee, or additional payment of fee, Applicants hereby petition therefor and authorize that any charges be made to Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,


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ABSTRACT

A pull-on disposable diaper that is provided in parallel to transversely opposite side edges thereof in its rear waist region with fastening tape strips. The tape strips are configured in its rolled up state for disposable after the diaper has been used. Each of the tape strips includes longitudinally opposite end regions firmly bonded to respective peripheral edges of the diaper's waist-opening and leg-openings. An intermediate region of each of the fastening tape strips includes an adhesive region on its inner surface which is adapted to be separably bonded to the outer surface of the diaper when rolled up for disposal.